

Results on T41 pol activity from P95

SAM	CPM1	pmol	u/ml
204 1	10297.00	473	0.037
102 2	22380.00	1028	
3	42363.00	1946	
4	25336.00	1164	0.09
106 5	44240.00	2033	
6	82378.00	3786	
7	36103.00	1659	0.129
107 8	58201.00	2675	
9	90720.00	4169	
108 10	39104.00	1797	0.144/ml
11	57842.00	2657	
12	106183.00	4880	
13	4229.00	194	0.015
109 14	8062.00	370	
15	17941.00	824	
16	20144.00	926	
151 17	37486.00	1722	0.134
18	65420.00	3006	
19	23430.00	1077	0.083
152 20	43025.00	1977	
21	71820.00	3301	
22	37673.00	1731	0.7 u/l
Tf1 23	63089.00	2899	
05 u 24	99545.00	4575	
25	871.00	BK-D	
2λ 26	109915.00	62 CPM/pmol	

510	Bradykinon II'	u/mg	u/mg
201	204	0.44	83
106	225	0.49	185
107	251	0.55	235
108	220	0.48	291 u/m
109	230	0.51	29
151	23	0.51	265
152	25	0.44	190

note: get ~10,000-20,000 u/mg from TTR Tag (Fr II')
done, see P 104-105, 67 and P 36-37 (this book)

~~if ~5 mg/ml~~

~~still only ~~~

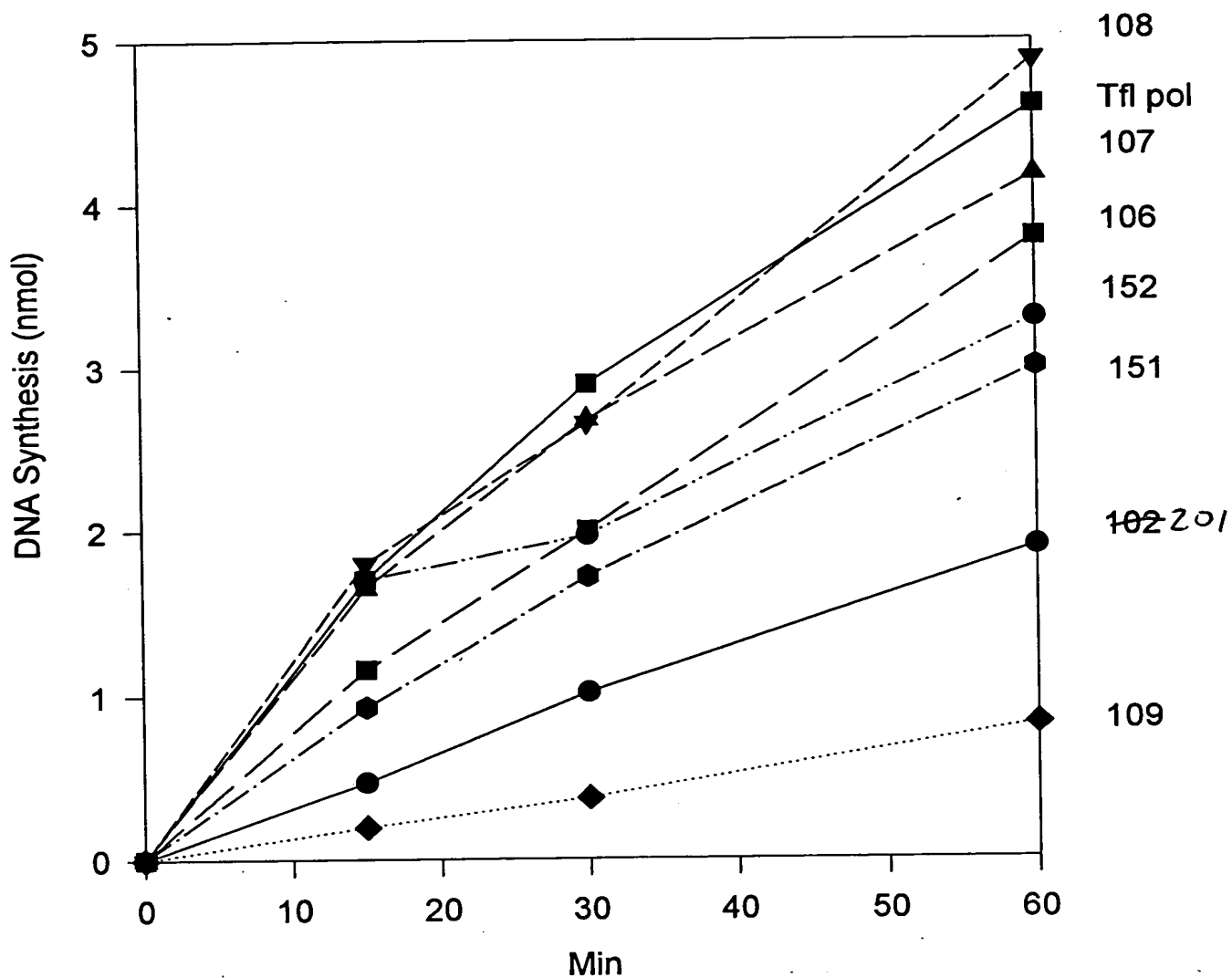
get ~200 unit/mg in II'

~~still~~ ~100x less activity here

Issued & Understood by me, <i>Seamus A. Polansky</i>	Date 11/6/95	Invented by <i>[Signature]</i>	Date 11-15-94
Recorded by			

From Page No. ____

Tfl clones



Witness d & Understood by m ,

Date

Invented by

Dat

T Pag 1

Deena Polans

1/6/95

Recorded by

12/15/94

End label 50 mer for test
of STMP incorp opposite template U

Project N. _____
B k N. _____

age N. _____ End label as per ~~P127~~ P127, 6 (and P132, 6)

ligo 733 (30mer)

69.4 pmol/l

↓ dil 1/69.4

= 1 pmol/μl

5 X kinase buffer

PNK

γ-32P ATP

H₂O

1 μl

✓ ✓

10 pmol

2

✓ ✓

8

✓ ✓

21

✓ ✓

40 μl

↓ 37°C, 30' → 55°C, 5'

40 μl

✓

ligo 678 (PT mer)

6.78 pmol/l

1 M Tris pH 7.5

H₂O

15 μl

✓

100 pmol (30 10X excess of 678)

4 μl

✓

73 μl

✓

132 60 μl

(.076 pmol/μl of)
32P 733

itled.seq Length:85 Tue Nov 29 10:10:41 1994
er-Lower Dimers

er positions: untitled:1U85 untitled:61L18

er/Lower: the most stable 3'-dimer: 2 bp, -3.1 kcal/mol
ATAAAAGTCACCTGCATCAGCAATAATTGTATATTGTGGAGACCCTGGAAGTATAGGAATTAATGAAGGAGAATTCCGGTC
3' ATTACTTCCTCTI

oligo # 677: Template

er/Lower: the most stable 3'-dimer: 18 bp, -32.9 kcal/mol
ATAAAAGTCACCTGCATCAGCAATAATTGTATATTGTGGAGACCCTGGAAGTATAGGAATTAATGAAGGAGAATTCCGGTC
3' ATTACTTCCTCTTAAGGC 5'

er/Lower: the most stable dimer overall: 18 bp, -32.9 kcal/mol
ATAAAAGTCACCTGCATCAGCAATAATTGTATATTGTGGAGACCCTGGAAGTATAGGAATTAATGAAGGAGAATTCCGGTC
3' ATTACTTCCTCTTAAGGC 5'

2 U2

32P 733

ssed & Understood by me, serena Polcup		Date 1/6/95	Invented by 	Date 12/15/94	To Pag No. _____
		Recorded by			